

Plw JUN 23 2018



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

**D135-692-011**  
**Job Sheet 179841**



**Part No:** D135-692-011

**Job Qty:** 2 ea

**Part Name:** EC135 Bearpaws



**Part Weight:** 0 lbs

**Status:** Scheduled

**Priority:** Medium

**Job Created:** 6/22/18

**Job Tracking No:**

**Due Date:** 6/29/18

**Created By:** Linda Lacelle

**Type:** Stock

**Description:**

**Note:** DWG DSI 9750 REV A , D3049 REV B , IIN-D135-692 REV B IPP Rev:C 04.02.17 Blank size changed,  
Tolerance added Step 3 KJ/JLM IPP REV:E AS PER DSI 9592/9587 REV A JLM VERIFIED BY:EC IPP Rev:D  
08-04-16 Added Step 2 JLM Verified By:EC

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 90    | Start up Operation | 2 Ea  | 6/29/18    | 6/29/18  | 0.00      | 0.00    | Start Up Stores/Pkg-2 | 3.00      | JUN 29 2018 |
| 150   | Packaging          | 2 pcs | 6/29/18    | 6/29/18  | 0.00      | 0.00    | Packaging1-1          | 3.00      | JUN 29 2018 |
| 160   | QC                 | 2 pcs | 6/29/18    | 6/29/18  | 0.00      | 0.00    | QC4                   | 3.00      | JUN 29 2018 |
| 170   | Packaging          | 2 pcs | 6/29/18    | 6/29/18  | 0.00      | 0.00    | Packaging3-1          | 3.00      | JUN 29 2018 |
| 175   | DC                 | 2 pcs | 6/29/18    | 6/29/18  | 0.00      | 0.00    | DC                    | 3.00      | JUN 29 2018 |
| 180   | QC21-FG            | 2 Ea  | 6/29/18    | 6/29/18  | 0.00      | 0.00    | QC21                  | 3.00      | JUN 29 2018 |

Part Op 170 - Identify and pack for shipping as per PPP D135-692-011

Descriptions: 175 - Photocopy bluefile and create labels per PPP D135-692-011 CHG003

### Job BOM

| Part / Item   | Component Name                      | Quantity     | Operation             | Container |
|---------------|-------------------------------------|--------------|-----------------------|-----------|
| AN4-13A       | Bolt                                | 16 Ea (8 ea) | 90-Start up Operation |           |
| D2182B        | Rubber Cushion - Black (\$Per Foot) | 4 ft (2 ea)  | 90-Start up Operation |           |
| D2274         | Radius Block                        | 16 Ea (8 ea) | 90-Start up Operation |           |
| D2519         | Clamp                               | 8 Ea (4 ea)  | 90-Start up Operation |           |
| D2529         | Washer                              | 16 Ea (8 ea) | 90-Start up Operation |           |
| D3049-1       | Bearpaw                             | 4 Ea (2 ea)  | 90-Start up Operation |           |
| MS21042L4     | Nut                                 | 16 Ea (8 ea) | 90-Start up Operation |           |
| NAS1149D0463J | Washer                              | 16 Ea (8 ea) | 90-Start up Operation |           |
| QS100-M24S    | Clamp                               | 8 Ea (4 ea)  | 90-Start up Operation |           |
| AN4-11A       | Bolt                                |              | Operation             |           |



**Container No:** S088490



**Part:** D135 - 692 - 011

**Job No:** 179841

**Serial No/Batch:** S088490

**Revision:**

**Inspector:**

**Exp Date:**

**Instructions:**

Date: 06/29/18

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DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                      | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>             Skid-tube <input type="checkbox"/><br/>             Machining <input type="checkbox"/><br/>             Thermoforming <input type="checkbox"/><br/>             Large Fab <input type="checkbox"/> </div> <div>             Cross tube <input type="checkbox"/><br/>             Small Fab <input type="checkbox"/><br/>             Finishing <input type="checkbox"/><br/>             Composite <input type="checkbox"/> </div> <div>             Water Jet <input type="checkbox"/><br/>             Prod. Eng. Coord. <input type="checkbox"/><br/>             Rec/Store/Packaging <input type="checkbox"/><br/>             Supplier <input type="checkbox"/> </div> <div>             Engineering <input type="checkbox"/><br/>             Quality <input type="checkbox"/><br/>             Other <input type="checkbox"/> </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Step #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MRB (QSI042) Approval                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Completed By                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead hand / Supervisor Approval Verification                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | QC / QA Coordinator Approval                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Root Cause                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FAULT CATEGORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Environment <input type="checkbox"/><br>Design <input type="checkbox"/><br>Doc/Data <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Pre <input type="checkbox"/><br>Material <input type="checkbox"/><br>Internal Transport <input type="checkbox"/><br>Tribal Knowledge <input type="checkbox"/><br>LOA <input type="checkbox"/><br>Substation <input type="checkbox"/><br>Past Expiry Date <input type="checkbox"/><br>Misidentified <input type="checkbox"/> | No Re-verification <input type="checkbox"/><br>Operator <input type="checkbox"/><br>Offset/Setup <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Training <input type="checkbox"/><br>Use for Testing <input type="checkbox"/><br>Poor Information <input type="checkbox"/><br>Rushing <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Past Due <input type="checkbox"/> | Pressure/Forced <input type="checkbox"/><br>Bending <input type="checkbox"/><br>Centre Not Concentric <input type="checkbox"/><br>Cracks <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave <input type="checkbox"/><br>Cuffs <input type="checkbox"/><br>Crushing <input type="checkbox"/><br>Heat Treat <input type="checkbox"/><br>Wave/Twist in Tube <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Temperature/Cure <input type="checkbox"/><br>Set-up <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Inspection Incomplete/Unqualified <input type="checkbox"/><br>Contamination <input type="checkbox"/><br>Countersink <input type="checkbox"/><br>Cut Too Short <input type="checkbox"/><br>Instructions Incomplete/Unclear <input type="checkbox"/><br>Drill Holes <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br>Grain <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set <input type="checkbox"/><br>Misabeled <input type="checkbox"/><br>Fit/Function <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/> | Positioned Wrong <input type="checkbox"/><br>Outside Dimensions <input type="checkbox"/><br>Over/Under tolerance <input type="checkbox"/><br>Part Incorrect <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Part Moved <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Misread <input type="checkbox"/><br>Turning Sequence <input type="checkbox"/> |
| OTHER : <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Job Allocations                    |                |          |           |           |
|------------------------------------|----------------|----------|-----------|-----------|
| Operation                          | Component Part | Required | Inventory | Allocated |
| 90-Start up Operation              | AN4-11A        | 8        | 390       | 0         |
|                                    | AN4-13A        | 16       | 911       | 0         |
|                                    | D2182B         | 4        | 4,510     | 0         |
|                                    | D2274          | 16       | 183       | 0         |
|                                    | D2519          | 8        | 22        | 0         |
|                                    | D2529          | 16       | 1,785     | 0         |
|                                    | D3049-1        | 4        | 4         | 0         |
|                                    | MS21042L4      | 16       | 2,267     | 0         |
|                                    | NAS1149D0463J  | 16       | 3,932     | 0         |
|                                    | QS100-M24S     | 8        | 39        | 0         |
| Part Specifications                |                |          |           |           |
| Specifications could not be found. |                |          |           |           |

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DQA: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |  |                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |                                                                                                                                                     |  |  |
|--------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ |  | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> |  | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>             Skid-tube <input type="checkbox"/><br/>             Machining <input type="checkbox"/><br/>             Thermoforming <input type="checkbox"/><br/>             Large Fab <input type="checkbox"/> </div> <div>             Cross tube <input type="checkbox"/><br/>             Small Fab <input type="checkbox"/><br/>             Finishing <input type="checkbox"/><br/>             Composite <input type="checkbox"/> </div> <div>             Water Jet <input type="checkbox"/><br/>             Prod. Eng. Coord. <input type="checkbox"/><br/>             Rec/Store/Packaging <input type="checkbox"/><br/>             Supplier <input type="checkbox"/> </div> <div>             Engineering <input type="checkbox"/><br/>             Quality <input type="checkbox"/><br/>             Other <input type="checkbox"/> </div> </div> |  |  |                                                                                                                                                     |  |  |
| Date :                                                       |  | Step #:                                                                                                                                                                            |  | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  | MRB (QSI042) Approval<br><br><br>Completed By<br><br><br>Lead hand / Supervisor<br>Approval Verification<br><br><br>QC / QA Coordinator<br>Approval |  |  |
| Description Work Order Deviation                             |  |                                                                                                                                                                                    |  | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |                                                                                                                                                     |  |  |
|                                                              |  |                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |                                                                                                                                                     |  |  |

| Root Cause                                  |  |                                                |  | FAULT CATEGORY                                  |  |                                                            |  |
|---------------------------------------------|--|------------------------------------------------|--|-------------------------------------------------|--|------------------------------------------------------------|--|
| Environment <input type="checkbox"/>        |  | No Re-verification <input type="checkbox"/>    |  | Pressure/Forced <input type="checkbox"/>        |  | Temperature/Cure <input type="checkbox"/>                  |  |
| Design <input type="checkbox"/>             |  | Operator <input type="checkbox"/>              |  | Bending <input type="checkbox"/>                |  | Set-up <input type="checkbox"/>                            |  |
| Doc/Data <input type="checkbox"/>           |  | Offset/Setup <input type="checkbox"/>          |  | Centre Not Concentric <input type="checkbox"/>  |  | BOM/Route <input type="checkbox"/>                         |  |
| Equip/Tooling <input type="checkbox"/>      |  | Supplier <input type="checkbox"/>              |  | Cracks <input type="checkbox"/>                 |  | Broken/Damage/Defect <input type="checkbox"/>              |  |
| Handling/Pre <input type="checkbox"/>       |  | Training <input type="checkbox"/>              |  | Crimp/Kink/Ripple/Wave <input type="checkbox"/> |  | Inspection Incomplete/Unqualified <input type="checkbox"/> |  |
| Material <input type="checkbox"/>           |  | Use for Testing <input type="checkbox"/>       |  | Cuffs <input type="checkbox"/>                  |  | Contamination <input type="checkbox"/>                     |  |
| Internal Transport <input type="checkbox"/> |  | Poor Information <input type="checkbox"/>      |  | Crushing <input type="checkbox"/>               |  | Countersink <input type="checkbox"/>                       |  |
| Tribal Knowledge <input type="checkbox"/>   |  | Rushing <input type="checkbox"/>               |  | Heat Treat <input type="checkbox"/>             |  | Cut Too Short <input type="checkbox"/>                     |  |
| LOA <input type="checkbox"/>                |  | Product Improvement <input type="checkbox"/>   |  | Wave/Twist in Tube <input type="checkbox"/>     |  | Instructions Incomplete/Unclear <input type="checkbox"/>   |  |
| Substation <input type="checkbox"/>         |  | Process Improvement <input type="checkbox"/>   |  | Marks/Chatter <input type="checkbox"/>          |  | Drill Holes <input type="checkbox"/>                       |  |
| Past Expiry Date <input type="checkbox"/>   |  | Manufacturing Process <input type="checkbox"/> |  | OTHER : _____                                   |  |                                                            |  |
| Misidentified <input type="checkbox"/>      |  | Past Due <input type="checkbox"/>              |  |                                                 |  |                                                            |  |



Dart Aerospace Ltd.  
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Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

## Container View (Active) - Master Unit Containers

| Master Unit No | Container No | Part No       | Part Name                     | From Container     | Current Location | Quantity |
|----------------|--------------|---------------|-------------------------------|--------------------|------------------|----------|
| 004171         | S088489      | AN4-11A       | Bolt                          | S070193            | ST344            | 8        |
| 004171         | S088487      | AN4-13A       | Bolt                          | S067892            | ST344            | 16       |
| 004171         | S088486      | D2182B060     | Clamp Cushion Black 6.0 "Long | S046816            | ST639            | 8        |
| 004171         | S088471      | D2274         | Radius Block                  | s067935            | ST006            | 16       |
| 004171         | S088485      | D2519         | Clamp                         | S045517            | ST542            | 8        |
| 004171         | S088470      | D2529         | Washer                        | s035698            | ST008            | 16       |
| 004171         | S045657      | D3049-1       | Bearpaw                       | <del>S045656</del> | ST446A           | 4        |
| 004171         | S088467      | MS21042L4     | Nut                           | s075983            | ST303            | 16       |
| 004171         | S088466      | NAS1149D0463J | Washer                        | s067900            | ST263            | 16       |
| 004171         | S088469      | QS100-M24S    | Clamp                         | S001691            | ST545            | 8        |

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 6/29/18 10:25 AM dart.quirion.sonia

## 4. WEIGHT AND BALANCE

| Installation                                                     | Weight             | LATERAL         |                       | LONGITUDINAL       |                         |
|------------------------------------------------------------------|--------------------|-----------------|-----------------------|--------------------|-------------------------|
|                                                                  |                    | Arm             | Moment                | Arm                | Moment                  |
| <b>D135-692-011</b><br><i>Bearpaw Installation</i>               | 11.8 lb<br>5.36 kg | 0.0 in<br>0.0 m | 0.0 in-lb<br>0.0 m-kg | 199.7 in<br>5.07 m | 2356 in-lb<br>27.2 m-kg |
| <b>D135-692-041</b><br><i>Wearplate Kit</i>                      | 2.24 lb<br>1.0 kg  | 0.0 in<br>0.0 m | 0.0 in-lb<br>0.0 m-kg | 199.7 in<br>5.07 m | 447 in-lb<br>5.1 m-kg   |
| <b>D135-692-011</b><br><i>Bearpaw Installation, Aft Location</i> | 11.8 lb<br>5.36 kg | 0.0 in<br>0.0 m | 0.0 in-lb<br>0.0 m-kg | 201 in<br>5.10 m   | 2372 in-lb<br>27.3 m-kg |
| <b>D135-692-041</b><br><i>Wearplate Kit, Aft Location</i>        | 2.24 lb<br>1.0 kg  | 0.0 in<br>0.0 m | 0.0 in-lb<br>0.0 m-kg | 201 in<br>5.10 m   | 450 in-lb<br>5.1 m-kg   |

## 5. PARTS LIST

| Qty<br>-011 | Qty<br>-041 | Part Number         | Description                 |
|-------------|-------------|---------------------|-----------------------------|
| X           |             | <b>D135-692-011</b> | <b>BEARPAW INSTALLATION</b> |
|             | X           | <b>D135-692-041</b> | <b>WEARPLATE KIT</b>        |
|             |             |                     |                             |
| 4           |             | D2182B060           | RUBBER CUSHION              |
| 8           |             | D2274               | RADIUS BLOCK                |
| 2           |             | D3049-1             | BEARPAW                     |
| 8           |             | D2529               | WASHER                      |
| 4           |             | D2519               | CLAMP                       |
|             | 2           | D3719-041           | WEARPLATE                   |
|             |             |                     |                             |
| 8           | 8           | AN4-13A             | BOLT                        |
| 8           | 8           | NAS1149D0463J       | WASHERS                     |
| 8           | 8           | MS21042L4           | NUT (OR MS21042-4)          |
| 4           |             | QS100M24S           | CLAMP                       |

REFERENCE ONLY

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Revision: **B**

Date: 15.07.20



### 3.0 PARTS LIST

REFERENCE ONLY

The DSI 9750-011 Clamp Relocation Kit can be procured from Dart to install D135-692-041 on D135-692-011 at CHG 002 and earlier, and includes hardware for Qty 2x skid tubes.

| Qty -011 | Part Number  | Description          |
|----------|--------------|----------------------|
| X        | DSI 9750-011 | Clamp Relocation Kit |
| 8        | D2529        | WASHER               |
| 4        | AN4-11A      | BOLT                 |
| 4        | MS21042L4    | NUT                  |

The parts list for IIN-D135-692 and ICA-D135-692 is amended as follows:

| Qty -011 | Qty -041 | Part Number   | Description          |
|----------|----------|---------------|----------------------|
| X        |          | D135-692-011  | BEARPAW INSTALLATION |
|          | X        | D135-692-041  | WEARPLATE KIT        |
| 4        |          | D2182B060     | RUBBER CUSHION       |
| 8        |          | D2274         | RADIUS BLOCK         |
| 2        |          | D3049-1       | BEARPAW              |
| 8        | 8        | D2529         | WASHER               |
| 4        |          | D2519         | CLAMP                |
|          | 2        | D3719-041     | WEARPLATE            |
|          | 4        | AN4-11A       | BOLT                 |
| 8        | 8        | AN4-13A       | BOLT                 |
| 8        | 12       | MS21042L4     | NUT (OR MS21042-4)   |
| 8        | 8        | NAS1149D0463J | WASHER               |
| 4        |          | QS100M24S     | CLAMP                |

### 4.0 WEIGHT AND BALANCE

There is a negligible weight and balance change associated with this modification.

REFERENCE ONLY

|            |                    |                                                                                                                                                                                                                                                                                                    |              |
|------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESIGN     | ML                 | <b>DART AEROSPACE USA, INC.</b><br>EUGENE, OR                                                                                                                                                                                                                                                      |              |
| DRAWN      | ML                 |                                                                                                                                                                                                                                                                                                    |              |
| CHECKED    | <i>q</i>           | DRAWING NO.                                                                                                                                                                                                                                                                                        | REV. A       |
| MFG. APPR. | N/A                | DSI 9750                                                                                                                                                                                                                                                                                           | SHEET 2 OF 5 |
| APPROVED   | <i>[Signature]</i> | TITLE                                                                                                                                                                                                                                                                                              | SCALE        |
| DE APPR.   | <i>[Signature]</i> | INSTALL MODIFICATION                                                                                                                                                                                                                                                                               | NTS          |
| DATE       | 16.06.01           | COPYRIGHT © 2016 BY DART AEROSPACE USA, INC.<br><small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small> |              |